

20030922.ba v03_n546.bam.20030922

>From ???@??? Mon Sep 22 20:39:51 2003 -0500
Message-Id: <200309230139.h8N1da1K006358@sco.theporch.com>
Date: Mon, 22 Sep 2003 20:39:12 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3546

BOATANCHORS Digest 3546

Topics covered in this issue include:

- 1) RE: [Milsurplus] RS-6 employment
by "WF2U" <wf2u@starband.net>
- 2) Re: [Milsurplus] RS-6
by Al Klase <skywaves@bw.webex.net>
- 3) "R-390-A & Spares For Sale . . ."
by Jim321@webtv.net
- 4) Re: [Milsurplus] RS-6 employment
by WA5CAB@cs.com
- 5) Re: [Milsurplus] RS-6
by WA5CAB@cs.com
- 6) Re: [Milsurplus] RS-6 employment
by W0EOM@aol.com
- 7) Re: RS-6
by "Hue Miller" <kargo_cult@msn.com>
- 8) Re: [Milsurplus] RS-6
by "Hue Miller" <kargo_cult@msn.com>
- 9) Classic Exchange and AM Discovery Weekend
by "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>
- 10) help on Pop Tronics article, 1961 ?
by "Hue Miller" <kargo_cult@msn.com>
- 11) Re: ARC-2
by "Ed Zeranski" <ezeran@concentric.net>
- 12) Re: help on Pop Tronics article, 1961 ?
by "ed sharpe" <esharpe@uswest.net>
- 13) HRO with round IFTs?
by Michael N Hopkins <mnhopkins@juno.com>
- 14) Re: HRO with round IFTs?
by Al Klase <skywaves@bw.webex.net>
- 15) Re: HRO with round IFTs?
by Dan Arney <hankarn@pacbell.net>
- 16) Re: HRO with round IFTs?
by wb3fau@att.net
- 17) Band designations
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 18) The Sprague Transfarad TCA-1

- by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 19) Motor Pool
by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
- 20) Storage of Boatanchors
by AA5QT@aol.com
- 21) Re: Band designations
by Al Klase <skywaves@bw.webex.net>
- 22) Re: Storage of Boatanchors
by John Dilks - K2TQN <oldradio@worldnet.att.net>

From: "WF2U" <wf2u@starband.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: [Milsurplus] RS-6 employment
Date: Sun, 21 Sep 2003 11:38:16 -0400
Message-ID: <NABBLNEJDDKECLKHCAAPCEPHJGAA.wf2u@starband.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I beg to differ with you on that,
After WW2, as early as 1946 Telefunken and DEBEG started to manufacture radio equipment for the German fishing fleet. In 1950 Telefunken was building marine transmitters, Siemens manufactured marine LF/MF/HF receivers for their Merchant Marine.

In 1951 Telefunken manufactured DF systems for the Merchant Marine and Lorenz also started their post-war production with marine communications receivers.

In 1952 Telefunken, Siemens and Lorenz expanded their communications systems product line and had a full line of marine radios for the Merchant Marine and fishing fleet, while DEBEG came out with their post-war production line of marine radios.

>From 1953 and on, the German electronics manufacturers have a much more extensive and sophisticated product line.

I'm not sure when Telefunken was contracted to manufacture GRC-9 stuff, my feeling is that probably in the early to mid - 50's. Telefunken or any other major German electronics firm would have been more than capable to manufacture such equipment (as the RS-6) from the early 50's, especially that no design/development time and effort would have been involved.

BTW I have a number of post-war German radios in my collection. Among them are 2 Siemens E305 HF communications receivers (1954-56) and a matching S301 100 W HF transmitter. The performance of the equipment is still excellent today, considering 50's technology, and the construction is high quality. By the way, I owned one of these receivers since 1968, and it's still working perfectly with the original set of tubes.

73, Meir WF2U

Landrum, SC

-----Original Message-----

From: milsurplus-admin@mailman.qth.net

[mailto:milsurplus-admin@mailman.qth.net]On Behalf Of Hue Miller

>. I am also not convinced that by the early 1950s Telefunken, or German electronics industry in general,
> was really equipped to produce such equipment.

Message-ID: <3F6DCAAA.7090406@bw.webex.net>

Date: Sun, 21 Sep 2003 11:58:34 -0400

From: Al Klase <skywaves@bw.webex.net>

MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>

CC: milsurplus <milsurplus@mailman.qth.net>,
boatanchors old tube radios <boatanchors@theporch.com>

Subject: Re: [Milsurplus] RS-6

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Smith wrote:

> Reference: RS-6

>

> I too have enjoyed the stories of the RS-6 being deployed as a "Call Home"
> radio with B-47 aircrews but I agree with Mr. Downs on his analysis of the set
> and his quote that he felt that:"the feel of a set intended to be used over and
over under
> various contingencies, using several different power sources"

As an RS-6 owner I've been following these discussions for a number of years. I shared the skepticism about the B-47's: We fly to Moscow and nuke the place. Then in the aftermath of a full-scale nuclear war, somebody's going to come and pick us up!

However, in recent years I've been hearing more about the RB-47's. Apparently, intrusion missions into the Soviet Union were not uncommon in the pre-satellite era. One can imagine find oneself on the ground in Bumfukistan without the balloon having gone up, perhaps with the Russkys having only a vague idea that you were there. It might even make sense to leave the diplomats know where you were.

The possible exisistance of a hand-crank generator setup does make me feel better about the whole thing.

Perhaps time will loosen the tongues of the folk who know.

Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

From: Jim321@webtv.net
Date: Sun, 21 Sep 2003 09:07:16 -0700 (PDT)
To: Old Tube Radios <boatanchors@theporch.com>
Subject: "R-390-A & Spares For Sale . . ."
Message-ID: <2863-3F6DCCB4-1711@storefull-2358.public.lawson.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Anybody in driving area of Inland Empire of So. Cal. interested in a pick-up only R-390-A with numerous spares & accessories? E-mail me off list please. Thanks, Jim S.

From: WA5CAB@cs.com
Message-ID: <78.4797f6eb.2c9f295a@cs.com>
Date: Sun, 21 Sep 2003 12:18:34 EDT
Subject: Re: [Milsurplus] RS-6 employment
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_78.4797f6eb.2c9f295a_boundary"

--part1_78.4797f6eb.2c9f295a_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Meir & Hue,

I hadn't gotten around to replying to Heu's message yet and on the Telefunken GN-58-A question, up until earlier this year I would have probably agreed. But I recently sold some GRC-9 parts and accessories to an MV collector in Canada who was also looking for a nameplate for his receiver. The case and transmitter nameplates were, he said, marked RT-77/GRC-9 and both Telefunken. I responded back asking him specifically if he didn't mean RT-77A/GRC-9 but he answered that neither had the "A". I completely spaced out asking him for the

order number(s) but when I manage to find his email address again, I'll ask him.

As far as GN-58-A versus GN-58, I have one "A" on a '46 order (US of course).

The date I mentioned on the Addendum to the RS-6 manual is 1953 but there is no clue to what the date of the basic was.

Why Ron thinks he specifically recalls that the memoir specifically mentioned Telefunken, GN-58-A or short legs, I don't know. That's just what he said. It is of course possible that it is an overlay memory with multiple actual sources. I can't think of any real spook reason for it to have been Telefunken instead of Lewt, et al. In keeping with the other components, I would have thought they would have removed the nameplate anyway. The short legs have no nomenclature (at least the ones I've had) but that could just be because of which end they decided to cut off (the nomenclature is near one end of both the LG-2 and LG-3).

The "why" of the short legs is I would assume that they, the GC-7's and the cable could all fit into the bag with the generator. The other components carried in BG-174 (antenna mast sections and insulator) are not used with the RS-6.

Whether Operation Armagedon was a cover or not, I of course don't know. It could have been factual or part fact, part fiction. Surely someone can turn up aircrew from the period. I don't think I've ever known any but I know older aircrew (starting with my father-in-law) so some are bound to still be alive.

In a message dated 9/21/2003 10:26:45 AM Central Daylight Time, wf2u@starband.net writes:

> I beg to differ with you on that,
> After WW2, as early as 1946 Telefunken and DEBEG started to manufacture
> radio equipment for the German fishing fleet. In 1950 Telefunken was
> building marine transmitters, Siemens manufactured marine LF/MF/HF receivers
> for their Merchant Marine.

73

Robert Downs - Houston

<<http://www.wa5cab.com>>

<wa5cab@cs.com>

--part1_78.4797f6eb.2c9f295a_boundary

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

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* ---REMAINDER OF MESSAGE TRUNCATED--- *

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* is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *

--part1_78.4797f6eb.2c9f295a_boundary--

From: WA5CAB@cs.com
Message-ID: <f5.317d6b0b.2c9f2cbc@cs.com>
Date: Sun, 21 Sep 2003 12:33:00 EDT
Subject: Re: [Milsurplus] RS-6
To: Old Tube Radios <boatanchors@theporch.com>
CC: milsurplus@mailman.qth.net, boatanchors@theporch.com
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_f5.317d6b0b.2c9f2cbc_boundary"

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Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Al & Group,

The hand crank generator setup is shown in the RS-6 manual. However, I'm going to be honest and admit that the actual photo shows a GN-58 (not "A") on full size LG-2 and 3's.

In a message dated 9/21/2003 10:53:28 AM Central Daylight Time, skywaves@bw.webex.net writes:

> The possible exisistance of a hand-crank generator setup
> does make me feel better about the whole thing.
>
> Perhaps time will loosen the tongues of the folk who know.
>

Robert Downs - Houston
<<http://www.wa5cab.com>>
<wa5cab@cs.com>

--part1_f5.317d6b0b.2c9f2cbc_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* * * * *

--part1_f5.317d6b0b.2c9f2cbc_boundary--

From: W0EOM@aol.com
Message-ID: <1ee.10125d1c.2c9f5997@aol.com>
Date: Sun, 21 Sep 2003 15:44:23 EDT
Subject: Re: [Milsurplus] RS-6 employment
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1ee.10125d1c.2c9f5997_boundary"

--part1_1ee.10125d1c.2c9f5997_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am wondering if everyone is aware of a web site devoted to spy radios,
maintained by Pete McCollum. there is a great section on the RS-6, with photos.

see www.militaryradio.com/
spyradio/rs6.html

Will Jensby

--part1_1ee.10125d1c.2c9f5997_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* * * * *
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* * * * *

--part1_1ee.10125d1c.2c9f5997_boundary--

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: RS-6
Date: Sun, 21 Sep 2003 12:54:52 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY5-DAV74arve1WqkB00001eca@hotmail.com>

----- Original Message -----

From: "Smith" <smithab11@comcast.net>
Sent: Sunday, September 21, 2003 6:38 AM

> Reference: RS-6

> Having been an aircrew member for many years while I
> was in the U.S. Air Force, I seriously doubt that the RS-6 was designed and
> issued for aircrew use. The main reason is that the radio is cumbersome and hard
> to operate and is a CW only device. It would take a very experienced and highly
> trained radio operator to use this equipment and to make a two way contact.

However, "experienced and highly trained radio operators" were
available, weren't there? Particularly after they specifically trained
on this equipment?

> One of the biggest problems that I have found with the RS-6 is that it has no
> crystal or transmit spotting capability so that you could find your signal on
> the receiver . . .

How many of the clandestine equipments can you think of, that did
have net facility?
Hue Miller

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: [Milsurplus] RS-6
Date: Sun, 21 Sep 2003 13:03:16 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY5-DAV50ubIiC08B40000220f@hotmail.com>

I think the "Operation Armageddon" program maybe didn't last all

that long. I don't recall the Air Classics article mentioning date for the abandoning of that program. If these radios were, or were "also" intended for spy recon planes, certainly the late 50s would be the end of that, because Russian missile and fighter plane advances made the use of the high altitude U-2 essential for anything but tickling borders. As i said before, i read some mention in an old CQ about a Pacific sailboat dx-pedition which took along a transmitter, i seem to remember as an RS-6 transmitter...this was in 1957, i think, and if these were getting out that early, the program was over.

Hue Miller

Message-ID: <20030921210146.48541.qmail@web40804.mail.yahoo.com>
Date: Sun, 21 Sep 2003 14:01:46 -0700 (PDT)
From: "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>
Subject: Classic Exchange and AM Discovery Weekend
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="0-11158811-1064178106=:48452"

--0-11158811-1064178106=:48452
Content-Type: text/plain; charset=us-ascii

The Classic Exchange "CX" and the AMI AM Discovery Weekend will take place next weekend - September 26-29.
Please see the CX web site <http://qsl.asti.com/CX> or the August 2003 ELECTRIC RADIO or the September 2003 QST for details on these fun events.

EA8IT says there will be some DX stations operating in events so be sure to look for them. Also, this is a good opportunity to fill in your missing QSLs for the ER WAS-AM award.

73
Mac
WQ8U

Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
--0-11158811-1064178106=:48452
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *

--0-11158811-1064178106=:48452--

From: "Hue Miller" <kargo_cult@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: help on Pop Tronics article, 1961 ?
Date: Sun, 21 Sep 2003 14:27:13 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY5-DAV8MJiQTyfPef00003476@hotmail.com>

Anyone have a collection of Popular Electronics, year
1961 or possibly maybe 1962? I am just trying to get
the date for a an article that reviewed the

Mosley SWV-7 swl vertical antenna.

It was not a very long article, actually maybe only a few
paragraphs in the SWL column.
Tnx, Hue Miller

Message-ID: <00d601c3809e\$2dc4b4c0\$6588dd40@ejzlt>
From: "Ed Zeranski" <ezeran@concentric.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: ARC-2
Date: Sun, 21 Sep 2003 17:12:13 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sent the last one from WA6VOV to Dave Stinson a few years ago.

----- Original Message -----

From: "Smith" <smithab11@comcast.net>
To: "Old Tube Radios" <boatanchors@theporch.com>

Sent: Saturday, September 20, 2003 7:49 AM
Subject: ARC-2

> Anyone got an RT-91/ARC-2 for sale that is fairly complete?
>
> Breck k4che
> dover delaware
>
>

Date: Sun, 21 Sep 2003 17:32:42 -0700
Message-ID: <016a01c380a1\$0a203a00\$0100a8c0@SONYDIGITALED>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: help on Pop Tronics article, 1961 ?
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

if you do not get it by tomorrow afternoon give me a shout at the museum
635-435-1522

----- Original Message -----
From: "Hue Miller" <kargo_cult@msn.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Sunday, September 21, 2003 2:27 PM
Subject: help on Pop Tronics article, 1961 ?

> Anyone have a collection of Popular Electronics, year
> 1961 or possibly maybe 1962? I am just trying to get
> the date for a an article that reviewed the
>
> Mosley SWV-7 swl vertical antenna.
>
> It was not a very long article, actually maybe only a few
> paragraphs in the SWL column.
> Tnx, Hue Miller
>
>
>

To: Old Tube Radios <boatanchors@theporch.com>
Date: Mon, 22 Sep 2003 08:05:21 -0500

Subject: HRO with round IFTs?
Message-ID: <20030922.080521.-244961.0.MNHopkins@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
From: Michael N Hopkins <mnhopkins@juno.com>

What sort of National had cylindrical IF transformers with covers 2 inches in diameter by a little over 4 inches high?

At a Saturday BCB Collectors meeting, I was given a scavenged chassis containing four of these and a small, round National S meter. It was a homebrew affair from which the pair of reduction drives; the coils and the tubes were already removed.

RAS? I hoped so since those had a 175 kc IF to allow the Navy's favorite 500 kc monitoring frequency. But RAS IFTs seem to be square, as are most National types I can find on the Internet. An HRO Sr. has two of these: one in the right rear corner from the front and one at the left back corner next to a shielded tube.

Inside, mine have a pair of pi (pie ?) wound coils and two large variable caps. Or three do. One of my four is altered to a single winding and cap. All covers are the usual aluminium saying "NC" on top and requiring a 1/4 inch socket to adjust the caps.

So did this OT order these up from The National Co. Inc, Malden, Conn as they are marked on the ceramic frames inside? Or did he dismantle some lost-forever treasure?

73 de ab5L, Student of Tecraft and 6M's Golden Age, 1956-58
Michael, MNHopkins@JUNO.com, Box. 226841, Dallas 75222

Message-ID: <3F6F0756.1080309@bw.webex.net>
Date: Mon, 22 Sep 2003 10:29:42 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HRO with round IFTs?
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Michael N Hopkins wrote:

> What sort of National had cylindrical IF transformers with covers 2
> inches in diameter by a little over 4 inches high?

The early National superhets all had round IF cans: AGS, FB-7, and Early HRO ('til about 1937). National also advertised these parts in QST and other publications and encouraged their use in homebrew projects.

Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-ID: <3F6F079C.2030308@pacbell.net>
Date: Mon, 22 Sep 2003 07:30:52 -0700
From: Dan Arney <hankarn@pacbell.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HRO with round IFTs?
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

They are for FBX FB-7 2 coils per band.
Hank
KN6DI

Message-Id: <200309221746.h8MHkQ1K009853@sco.theporch.com>
From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Michael N Hopkins <mnhopkins@juno.com>,
Old Tube Radios <boatanchors@theporch.com>
Subject: Re: HRO with round IFTs?
Date: Mon, 22 Sep 2003 17:46:17 +0000

Just one minor correction Michael, that was in Malden, Mass. not Conn.
>
> What sort of National had cylindrical IF transformers with covers 2
> inches in diameter by a little over 4 inches high?
>
> At a Saturday BCB Collectors meeting, I was given a scavenged chassis
> containing four of these and a small, round National S meter. It was a
> homebrew affair from which the pair of reduction drives; the coils and
> the tubes were already removed.
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> RAS? I hoped so since those had a 175 kc IF to allow the Navy's favorite
> 500 kc monitoring frequency. But RAS IFTs seem to be square, as are most
> National types I can find on the Internet. An HRO Sr. has two of these:
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>
> Inside, mine have a pair of pi (pie ?) wound coils and two large variable
> caps. Or three do. One of my four is altered to a single winding and
> cap. All covers are the usual aluminium saying "NC" on top and requiring
> a 1/4 inch socket to adjust the caps.
>

> So did this OT order these up from The National Co. Inc, Malden, Conn as
> they are marked on the ceramic frames inside? Or did he dismantle some
> lost-forever treasure?
>
> 73 de ab5L, Student of Tecraft and 6M's Golden Age, 1956-58
> Michael, MNHopkins@JUNO.com, Box. 226841, Dallas 75222
>

Message-Id: <5.1.0.14.0.20030922143053.0280d298@vuse.vanderbilt.edu>
Date: Mon, 22 Sep 2003 14:35:45 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>
Subject: Band designations
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

A colleague is teaching a course on networking and the like and has raised the interesting question of the history of band designations. In the Bad Old Days there was long, medium and short-wave, corresponding roughly to below, at and above BCB. This was then modified when we figured out how to get things to go above 30 MHz or so, and for a while there was VHF and UHF (which, I have seen in a couple of places, used to refer to something about the 6 meter band....). Later EHF appeared and then things like Ku, C and X band (which I can read off of my fuzzbuster....)

The question is, what was in fact the history of these terms, and how (or under what authority) did they become standardized?

A. B. Bonds

Message-Id: <5.1.0.14.0.20030922155007.0280d298@vuse.vanderbilt.edu>
Date: Mon, 22 Sep 2003 16:02:42 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>

Subject: The Sprague Transfarad TCA-1
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I found a Sprague Transfarad TCA-1 capacitor analyzer in fairly good shape and adopted it. This critter is specialized for low-voltage caps and has very well-stabilized polarizing voltages (via three regulator tubes). That's the good news. The bad news is that the leakage currents are also at low voltages, which required Sprague to come up with a "meter amplifier" based on the futuristic technology of a circuit board that is actually printed on a phenolic substrate! Needless to say, the meter amplifier in mine is flakey, reads all over the map. The tubes are good, but.... The unfortunate corollary is that the meter amplifier module is not only on a PC board, the board is potted in a kind of cake-pan. Has anyone had experience with these? I can't even see the potting without breaking the board. Can it be melted out, or am I wasting my time?

A. B. Bonds

Date: Mon, 22 Sep 2003 17:17:40 -0400 (EDT)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200309222117.RAA04719@aa4rm.ba-watch.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Motor Pool

See what ya think

<http://qsl.asti.net/MVPA/jeepsgalore.html>

Shall I convert that amp. to a modulator for the CX?

Marty

From: AA5QT@aol.com
Message-ID: <1ec.100620bb.2ca0c89c@aol.com>
Date: Mon, 22 Sep 2003 17:50:20 EDT
Subject: Storage of Boatanchors
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1ec.100620bb.2ca0c89c_boundary"

--part1_1ec.100620bb.2ca0c89c_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'm going to sell my house and build a new one, so things will have to go into storage for 6-10 months.
Has anyone tried this? Air conditioned space would be very expensive, so I guess it's "regular" space. Should I wrap the units in plastic? What about summer heat (next year) melting the plastic? What about rust?
If it's not doable, I'll go to air conditioned space- I just wondered if others have tried this.

Gary K5QT near Dallas

--part1_1ec.100620bb.2ca0c89c_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_1ec.100620bb.2ca0c89c_boundary--

Message-ID: <3F6F8D1F.3080907@bw.webex.net>
Date: Mon, 22 Sep 2003 20:00:31 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Band designations
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

A. B. Bonds wrote:
> A colleague is teaching a course on networking and the like and has
> raised the interesting question of the history of band designations.

There's a useful chart of the current designations at:

<http://copradar.com/preview/xappA/xappA.html>

The "Radio Frequency Bands" (table A-6 above ref.) less ULF
SLF and ELF appear in my 1943 "Reference Data for Radio"
with a note saying "Official FCC designation, March 2, 1943".

Note the minor discrepancy between "Military Radar Bands" and "ITU Radar bands." ITU seems to be actual allocations, while the military needs to be ready for anything.

These band designations were originally established during WWII. The letter assignment was random to deliberately obfuscate things.

Then take a look at the entirely different and more orderly "ECM bands."

There were some additional UHF and VHF designations in the WWII era. A-band (MkIII IFF) was 157-187 MHz, and G-band (MkIV IFF) was 470-493.5 MHz. There may have been others.

In my 1936 "Radio handbook", everything "below" 10 meters seems to be UHF. UHF allocations were 56-80 and 400-401 MC.

Regards,
Al

--

Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-Id: <5.1.1.6.0.20030922212933.0271fdb0@ipostoffice.worldnet.att.net>
Date: Mon, 22 Sep 2003 21:34:14 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks - K2TQN <oldradio@worldnet.att.net>
Subject: Re: Storage of Boatanchors
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 05:50 PM 9/22/03 -0400, you wrote:
>Should I wrap the units in plastic?

No!

>What about
>summer heat (next year) melting the plastic?

Yes, it will ruin them.

I use paper bags, for short time storage, then in a box for stacking. No

Plastics of any kind. They stick and remove paint and cause excessive condensation.

What makes you think they will only be in storage 6-10 months? Double or triple that, it always takes longer than you think.

Of course, you could always sell off everything and then start fresh later..... :-)

73, John Dilks, K2TQN

End of BOATANCHORS Digest 3546
